

What is Engineering?

Sample 4-week Schedule

Day	Lecture	Lab	Deliverables (9AM)	Announcements
Mon	intro, design	college ranking, spaghetti samples	Friedman essay	
Tues	ethics, identity	TBA		
Wed	mat'ls, properties, testing	mat'ls testing (L)	epoxied spaghetti	
Thurs	TBA	mousetrap design		
Fri	statics, trusses, struct, bridge proj	bridge designer	mat'ls lab, mousetrap design	
Mon	calculus of errors, statistics	remote measure (L)	design for bridge project	
Tues	TBA	mousetrap evaluation		
Wed	units, dimens, reasoning	bridge building (BB)	remote lab	mini-research essay
Thurs	TBA	TBA		
Fri	data analysis, graphing	BB	mousetrap evaluation, F/F essay	oral presentations
Mon	chemical processes/lab	chem processes (L)		
Tues	TBA	TBA		
Wed	binary systems, logic	logic circuits, BB	chem lab	
Thurs	TBA	TBA		
Fri	robotics, BB	circuit build(L)	mini-research essay	take-home exam
Mon	money, finance	BB		
Tues	TBA	BB		

Wed	oral presentations	BB	oral presentations	
Thurs	wrapup	BB		
Fri	wrapup; BB	bridge testing (L)	exam	